

DO NOT ENTER: /AAA/

06/07/2010

In the Specification:

Please replace page 1, lines 20-28, first paragraph of the BACKGROUND OF INVENTION as follow:

The present invention relates generally to a programming tool that is designed to interface between programmers and computers. According to the understanding of a person having ordinary knowledge in the art, a programming tool, or programming system as described herein, is defined as a "tool", a "machine", ~~or any structure~~ that enables a programmer to ~~write different programs for~~ program a computing device. This programming tool also supports a programming method that allows a programmer to make extensive use of tables as a mean to represent the logical thinking of a programmer reflected in a program written by this programming tool, and enabling the programming process easily to be understood by third parties. As further described in the specification herein, the definition of programming tool or programming system also includes ~~different programming tool structures that are local or remote from the computing device to be programmed by a tool that enables a programmer to program a local or remote computing device.~~ Thus, these improvements enhance the efficiency of programming, reduce the likelihood of the presence of program bugs or structural errors. In addition, the training cost required for a programmer to learn the programming method is minimal. The resulting programs composed with the invented method also will be easy to be read and to be maintained by any programmer.

Please replace page 11, first paragraph of the specification as follow:

The definition of computing device refers to any device having computing capabilities, including computers, micro controllers and embedded controllers, microprocessors, printed circuit assembly comprises of micro controllers or microprocessors. In addition to computers, other supporting hardware required to support the invented technology are the debugging hardware, communication links such as cables, communications ports, hubs and networks as defined in the specification. The table format program may be displayed on display terminals, printed on printers, and encoded as digital data. The compiled or encoded digital data representing the table format program may be stored in any memory device such as RAM, ROM, disk drive, and CD ROM. All these supporting hardware may become part of the system of the subject invention. The technical terms, keywords and labels used in the embodiments are exemplary and numerous modifications, specification variations and table format rearrangements can be readily envisioned to achieve an equivalent result, all of which are intended to be embraced within the scope of the appended claims. The invention will be best understood from the following description when read in conjunction with the accompanying drawings.

Please replace page 12, first paragraph of the specification as follow:

The in process computer activity is performed by the Table Format compiler which translates the Table Format program into codes executable by a local computer, a target microcontroller, or a remote computer. The post-computer activity is usually a code executable by the target computer or microcontroller. This executable code can be further run by the computer or microcontroller to perform the function according to the original programming specification in order to carry out the programming objective. The compiled executable code is usually stored in memory means defined by RAM, ROM, any programmable no-volatile memory or any other storage devices commercially available. In the situation of microcontrollers to be used in consumer products, the memory means storing the compiled executable file is usually located in the article of sale rather than in the compiling computer. In this situation, the compiling computer simply acts as a development or programming system, a programming tool, a compiler or a program supplier for a remote computing device.